











































S2 Block 7

Topic	I can?	Example of Evidence
MONEY		
A: I know how to change sterling into foreign currencies	<div>    </div> <div>    </div>	£1 = 1.21 euros. How many Euros would you get for £275?
B: I know how to change from foreign currencies to sterling	<div>    </div> <div>    </div>	You come home from holiday with 35 euros and change it back to sterling. How much is this in sterling?
C: I can calculate wages given a basic hourly wage and hours worked (gross wage)	<div>    </div> <div>    </div>	A waitress is paid £6.50 an hour. How much is she paid for working 17 hours?
D: I can work additions to wages or salaries	<div>    </div> <div>    </div>	What additions could be added to a salary?
E: I can work with different overtime rates	<div>    </div> <div>    </div>	The waitress is paid overtime at time and a half. How much is she paid for 4 hours overtime?
E: I can work with deductions to wages or salaries	<div>    </div> <div>    </div>	What deductions are made from a salary?
F: I can calculate net wages or salaries	<div>    </div> <div>    </div>	Jimmy's basic salary is £24 546. He earns a bonus of £2800. He pays £4782 in income tax and £1932 in national insurance payments. What is his net salary?

TIME (DISTANCE, SPEED, TIME) G: I can use 12 hour time H: I can use 24 hour time I: I can write time periods in hours and minutes or as a mixed number of hours e.g. 1½ h J: I can calculate the duration between two times K: I can use the formulae to calculate distance, speed and time:- <ul style="list-style-type: none">Distance = Speed x timeTime = Distance ÷ SpeedSpeed = Distance ÷ Time L: I can work with distance-time graphs	<div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div>	Write in 12 hour time: 0215 2045 Write in 24 hour time: 3.25pm 7.50am 2 hours 45 minutes = _____hours 4.5 hours = _____hours and _____mins A film starts at 7.45pm and finishes at 10.35pm. How long does it last? How far would you travel in 3 hours 30 mins at 67mph? How long does it take to travel 189 kilometres at 36 mph? A train travels 145km in 2 hours 45 mins. What is the average speed?										
ALGEBRA M: I can simplify expressions N: I can use substitution O: I can make and solve equations P: I can solve inequations	<div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div>	Simplify:- a) $2x + 5y - x + 8y$ b) $4w \times 3w$ c) $5x + 3y \times 2 - y$ Evaluate the following for $x = 3$, $y = 5$ and $z = -1$:- a) $3x + 2yz$ b) $y^2 - z^2$ c) $(2x + 1)/z$ Solve:- a) $5x + 3 = 28$ b) $6p - 8 = 40$ Solve:- a) $3w + 4 < 25$ b) $9a - 11 > 52$										
PATTERNS AND SEQUENCES Q: I can follow a rule to find a sequence of numbers R: I can find a formula for a sequence of numbers	<div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div> <div><div><div>😊</div><div>😐</div><div>😞</div></div><div><div>😊</div><div>😐</div><div>😞</div></div></div>	Find the next 3 numbers in each sequence :- 1, 4, 7,....., 4, 8, 16, 2, 3, 5, 8, Find a formula for this pattern:- <table><tr><td>Tables</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>Chairs</td><td>4</td><td>6</td><td>8</td><td>10</td></tr></table>	Tables	1	2	3	4	Chairs	4	6	8	10
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